

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,300,177 B2
APPLICATION NO. : 10/776152
DATED : November 27, 2007
INVENTOR(S) : Arlie R. Conner

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Delete drawing sheet 8 of 8, and substitute therefor the attached drawing sheet 8 of 8.

Column 4

Line 38, After "colors." add the following paragraph

-- ; and

Figure 10 is a schematic plan view of the surface of a DMD type light valve showing the orientation of the hinges of the individual pixels. --.

Column 5

Line 67, After "contrast." add the following paragraph

-- Fig. 10 illustrates a light valve 120 in the form of a deformable mirror device (hereinafter referred to as "DMD") having an array of reflective pixels 122. Each pixel 122 is mounted so as to be pivotable about torsion hinges 124 which are located at two diagonal corners of each pixel 122, thus defining a pivot axis. In operation when an appropriate ON voltage is applied to pixel 122, the upper lefthand corner 126 of pixel 122 will move upwardly from the plane of the DMD 120 while the lower righthand corner 128 will move downwardly. Similarly, when an OFF voltage is applied, pixel 122 will pivot about torsion hinges 124 so that corner 126 moves downwardly and corner 128 moves upwardly. Thus the ON and OFF positions comprise two distinct movements of each pixel 122. Generally, pixels 122 can be pivoted by 10 degrees to either side of planar. In the ON position, the incident illumination is reflected into the aperture of a projection lens. In the OFF position, the incident illumination is reflected outside the aperture of the projection lens and thus does not reach the viewing screen. --.

Column 13

Line 8, After "cation" insert -- . --.

Column 14

Line 55, Delete "Cartesian" and insert -- cartesian --, therefor.

Column 16

Line 3, In Claim 3, after "matches" delete ",".

Line 28, In Claim 9, after "form" insert -- a --.

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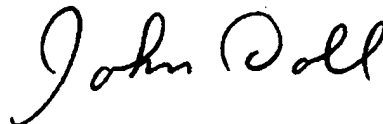
Column 18

Line 12, In Claim 32, delete "thud" and insert -- third --, therefor.

Line 35, In Claim 37, after "recited" delete ",".

Signed and Sealed this

Fourteenth Day of April, 2009

A handwritten signature in cursive script that reads "John Doll".

JOHN DOLL

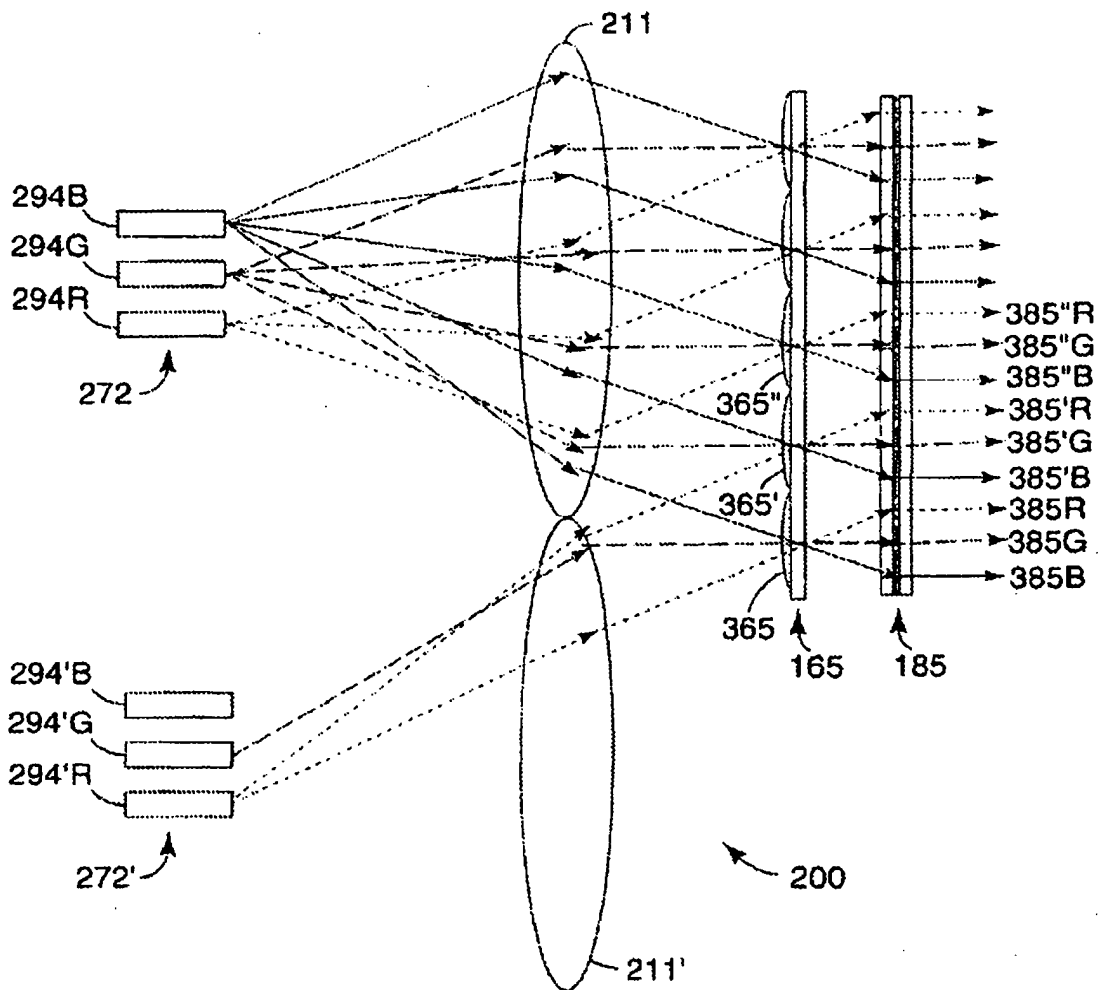
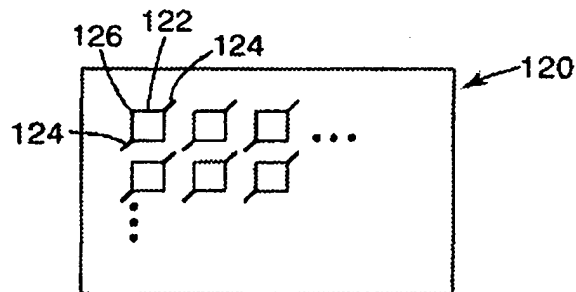
Acting Director of the United States Patent and Trademark Office

U.S. Patent

Nov. 27, 2007

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**Fig. 9****Fig. 10**
PRIOR ART